

## Continuous Productivity for Professional Printing



**Priort™ HQ9000**

# Demonstrate Cost Effectiveness with Increased Flexibility

In a highly competitive and cost conscious market place, Central Reprographics Departments (CRD) and quick printer service bureaus are driven to turn jobs around faster, while maintaining quality and controlling operational costs. Balancing customer demand for quickly produced, high volume documents, against financial targets requires reliable and cost effective production devices.

## Low Total Cost of Ownership

New levels in print quality and network connectivity mean you can effectively service even more customers. With low running costs you can effortlessly consolidate the HQ9000's strengths to gain that vital competitive advantage.

## Watch your Profits Soar

With fast job turnaround and paper handling flexibility, the HQ9000 is the essential solution for busy and successful print production environments. This productive device can handle up to 250,000 sheets per month allowing you to accept more print jobs and improve your revenue stream.

## Outstanding Software and Services

Complementing the HQ9000, Ricoh offers a superb range of software solutions and services, which are designed to add value and ensure that our devices continue to operate seamlessly and reliably. Covering all aspects of your business, including document management, network control, consultancy, training and unrivalled support, these innovative products and services offer a tailor made solution to improve productivity, workflow efficiency and cost control throughout your organisation.

## Incredible Productivity

High volume production print services are under increasing pressure to deliver on time, on budget and with more value. The considerable productivity and cost advantages of Priort™ technology can contribute to improve profit margins. The HQ9000 easily meets these demands by printing at 8,100 A4 sheets per hour, ensuring productive workflow, combined with the benefit of lower running costs. Furthermore, pre-press downtime is minimised – unlike litho printing, there is no need to create plates and make-readies.





## Increased Impact with Powerful Options

Visually, documents with colour are more eye-catching and generate a greater response. Now you can offer your customers the benefits of adding colour to their documents, while still maintaining profitability. For added convenience you can print two colours simultaneously with the optional Priort™Twin Colour TC-IIR unit. Ricoh offers a wide range of standard colour ink, as well as a bespoke service to match your company logos or individual colour needs.

## The Highest Quality

Revolutionary high quality inks and master provide fantastic image quality at true 600 dpi, excellent solid fill, smooth halftone, crisp photographic images and perfect reproduction of fine text and lines. You can now print a wide range of documents such as company stationary, newsletters, flyers, tickets and menus meeting all your customers' demands.

## Network Connectivity for Up-to-date Production

Offering ease of use, enhanced output, particularly with complex graphics, control over settings and greater productivity, the HQ9000 offers a variety of connectivity options. The RPCS™ print driver, which can also be combined with an optional PostScript® module and Hard Disk Drive (HDD) unit, allows you to print documents direct from the network, whenever required.



## Minimal User Intervention

Benefit from your HQ9000 immediately with the easy and intuitive touch screen control panel. Documents can be produced on a range of stocks, including recycled paper, envelopes and lightweight card with ease. The advanced paper handling features also provide accurate paper alignment and image registration to ensure professional quality standards. The optional Priort™LS3000R Large Capacity System expands the paper capacity to a massive 3,000 sheets, ensuring long uninterrupted print runs.

## Environmentally Focussed

The HQ9000's reduced power consumption and noise levels offer quiet operation for a professional printing device, while its natural soy based ink is kind to the environment. The HQ9000 also complies with future EU legislation, which means no lead, chromium, PVC or cadmium is used during the manufacturing process of this device\*.

\* In compliance with EU RoHS directive (RoHS: Restriction of Hazardous Substances, effective from July 2006).



# Priort™ HQ9000

## Specifications



### PRINTER

Printer language:	Standard:	RPCS™
	Option:	Adobe® PostScript® 3™
Interface:	Standard:	USB 2.0
	Option:	Ethernet 10 base-T/100 base-TX
	Option:	Bi-directional IEEE 1284 Wireless LAN (IEEE 802.11b)
Memory:	Standard:	128 MB (64 MB resident + 64 MB additional memory)
	Maximum:	320 MB
		(with optional 128/256 MB)
Network protocol:	TCP/IP, IPX/SPX, SMB, AppleTalk	
Supported environments:	Windows® 95/98/Me/NT4.0/2000/XP/	
	Server 2003	
	Macintosh 8.6 - 9.2.x (OS X Classic) <sup>1</sup> Macintosh X v10.1 or later (native mode) <sup>1</sup>	

### GENERAL

Type:	Digital, printer controller built-in	
Printing process:	Dual cylinder system	
Originals:	Sheets/books	
Original size:	Platen glass:	Maximum: 300 x 432 mm
	ADF:	Minimum: 148 x 210 mm Maximum: 297 x 864 mm
Print paper size:	Minimum:	70 x 148 mm
	Maximum:	325 x 447 mm
Print paper weight:	47 - 210 g/m <sup>2</sup>	
Print area:	Maximum: 290 x 412 mm	
Print speed:	60 - 135 sheets per minute (B4 and below)	
	60 - 120 sheets per minute (A3)	
First print speed:	19 seconds (A4)	
Resolution:	Scanning:	600 x 600 dpi
	Printing:	600 x 600 dpi
Image modes:	Letter, photo, letter/photo (auto separation), tint, pencil	
Image position:	Vertical:	± 15 mm
	Horizontal:	± 10 mm
	Minimum movable unit:	0.25 mm
Reproduction ratios:	Pre-set enlargement:	115, 122, 141, 200%
	Pre-set reduction:	50, 61, 71, 82, 87, 93%
Zoom:	50 - 200% (in 1% steps)	
Colour printing:	By replacing colour drum	
Paper feed/delivery table capacity:	1,000 sheets (80 g/m <sup>2</sup> )	
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Maximum:	Master making: 225 W Printing: 230 W (at 135 sheets per minute)
	Energy saver mode:	Less than 8 W
Dimensions (W x D x H):	With platen cover:	1,420 x 705 x 1,020 mm
	With ADF:	1,420 x 705 x 1,130 mm
Weight:	With platen cover:	Less than 103.5 kg
	With ADF:	Less than 110.5 kg

### ADDED VALUE FEATURES

Combine mode, image repeat mode, skip feed, margin erase, user code, built-in job separator, confidential mode, auto magnification, directional magnification, overlay mode, programme mode, class/memory mode, makeup function, auto density control, double feed detection, security mode (drum lock, eject master box lock), energy saver mode, auto shut off mode, spot colour printing with optional colour drum units, A4 master cut with A3 drum

### OPTIONS

#### Priort™Twin Colour TC-IIR

Type:	Twin colour press roller printing system	
Print area:	Maximum:	290 x 409 mm
Print speed:	90 - 120 sheets per minute	
Print paper size:	Maximum:	325 x 447 mm
	Minimum:	70 x 250 mm
Print paper weight:	47 - 210 g/m <sup>2</sup>	
Paper capacity:	1,000 sheets (80 g/m <sup>2</sup> )	
Power source:	220 - 240 V, 50/60 Hz	
Dimensions (W x D x H):	1,555 x 630 x 555 mm	
Weight:	105 kg	

#### Priort™LS3000R Large Capacity System

Configuration:	Large capacity input tray & large capacity output tray	
Paper input/delivery tray stack capacity:	3,000 sheets (80 g/m <sup>2</sup> )	
Print paper size:	Minimum:	128 x 182 mm
	Maximum:	297 x 432 mm
Print paper weight:	47 - 210 g/m <sup>2</sup>	
Power source:	220 - 240 V, 50/60 Hz	
Dimensions (W x D x H):	LCIT:	968 x 545 x 778 mm
	LCOT:	560 x 512 x 778 mm
Weight:	72 kg	

### OTHER OPTIONS

- Platen cover
- 50-sheet Auto Document Feeder
- 6 GB Hard Disk Drive (document storage, PostScript™ font installation)
- 128/256 MB memory
- Cabinets
- Professional software solutions

### CONSUMABLES

- PRIORT™ master type HQ90L (more than 200 A3 masters/roll)
- PRIORT™ black ink type HQ90 (1,000 ml)
- PRIORT™ colour inks type VII (1,000 ml): red, blue, green, brown, grey, yellow, purple, maroon, navy, orange, teal, violet, gold, hunter green, burgundy, reflex blue
- PRIORT™ CM ink (custom made colours, 1,000 ml)

<sup>1</sup> Adobe® PostScript® 3™ option required.

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.



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